

Hard Winter Wheat Workers Business Meeting  
Amarillo, TX, May 21, 2003  
Minutes

1. Business meeting was held at the conclusion of the annual wheat breeders' field day. A note of thanks is extended to Jackie Rudd, Mark Lazar, Rollie Sears, Dave Worrall and Sid Perry for their excellent service as hosts of this year's field day.
2. Bob Bowden, USDA-ARS, Manhattan, KS, described current status of regional molecular plant breeding laboratory. The lab will be supervised by Dr. Guihua Bai, will conduct research and will have a service component to assist breeders in utilization of marker assisted selection in wheat breeding. Dr. Bowden suggested an oversight or liaison committee be established to oversee center's activities. He also urged saving of exact parents when making crosses for genome mapping studies.
3. Ming Chen, USDA-ARS, Manhattan, KS, presented an update on Hessian fly resistance screening and research, also at Manhattan, KS. Research will be conducted both on plant resistance genes, and fly biotypes.
4. Scott Haley, Colorado State University, provided an update on activities of the National Wheat Improvement Committee, including information on the teams visit to Washington D.C. Dr. Haley also described status of plans for the 2004 National Wheat Workers Conference, to be held at Kansas City, MO, Feb. 22-25, 2004.
5. Wheat Quality Council Items, Scott Haley. Topics discussed included concern of council members regarding protein contents of submitted samples, and selection of appropriate check cultivars. Dr. Haley will work with participants to draft an appropriate response.
6. USDA-ARS Hard Wheat Quality Lab and OVA project: O. K. Chung and Brad Seabourn, USDA-ARS. Dr. Chung provided an update on laboratory activities and provided data relative to new PPO screening procedures. Dr. Seabourn described the Overseas Variety Analysis program, and suggestions that it be tied to the Wheat Quality Council tests. Cost of project to Manhattan lab was discussed, as well as possible inconsistencies between goals of OVA (a snapshot of newly released varieties) and WQC (analysis of materials before release). A suggestion was made to encourage one WQC lab to also bake OVA samples, as a means of evaluating both sets of materials in at least one setting, but the general feeling was that it would be inappropriate to have all WQC samples submitted to OVA.
7. Mark Hodges, Oklahoma Wheat Commission described effort to establish quality standards for hard red winter wheats. Breeders were asked to assist in the definition of these quality standards. The long-term goal is to be able to market hard red winter wheat as a high quality product. It was noted by one participant that this goal could be achieved via encouragement of more planting of certified seed. Scott Haley will work to establish a subcommittee to address the request.
8. Regional Nursery activities – Bob Graybosch, USDA-ARS (contd. next page)

- a. Karnal bunt testing: a phytosanitary certificate and proof of testing for the presence of karnal bunt shall still be required for entry of materials into 2004 hard winter wheat regional nurseries.
- b. Blanket MTA, and acceptance of lines with patented or protected traits: A material transfer agreement, drafted by Dr. Bryan Kaphammer, USDA-ARS Technology Transfer Officer for the Northern Plains Region and based on the "Wheat Workers Code of Ethics", was presented. Also, discussed was a modified procedure for submission of lines with patented or protected traits. Two motions (proposed by P.S. Baenziger, seconded by R. Sears) one to accept and use the blanket MTA for samples submitted to the hard winter wheat regional nurseries, and the second to accept and use the modified procedure for submission of lines with patented or protected traits, received unanimous approval. The regional coordinator (B. Graybosch) was encouraged to explore the possibility of combining the two documents.
- c. Allocation of entries in the SRPN, and increase of SRPN to 50 entries. A motion was proposed by S. Haley (seconded by G. Lookhart) to expand the number of entries in the SRPN to 50. Each participating program will be assigned a fixed number of entries. Researchers wishing to submit germplasm lines may do so only after consultation with their allied breeding program and use of one of their allocated slots. If all slots are not used, the regional coordinator will delegate available positions to interested parties after a lottery. The number of entries per program will be as follows:
  - i. Checks (Scout 66, Kharkof, Trego and TAM-107) - 4
  - ii. University of Nebraska – 4
  - iii. Colorado State University – 5
  - iv. Kansas State (Hays program) – 4
  - v. Kansas State (Manhattan) – 4
  - vi. Agripro North – 4
  - vii. Agripro South – 4
  - viii. Goertzen/Cargill – 4
  - ix. Trio – 4
  - x. Oklahoma State University – 5
  - xi. Texas A&M (Amarillo/Vernon) – 4
  - xii. Texas A&M (Dallas/College Station) – 4

Robert Graybosch  
Secretary  
Hard Winter Wheat Workers